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No. 33] NEW DELHI, SATURDAY, AUGUST 15, 1998 (SRAVANA 24, 1920)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस
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Calcutta, the 15th August 1998

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एकस्व तथा अभिकल्प

कलकत्ता, दिनांक 15 अगस्त 1998

पेटेंट कार्यालय के द्वारा घोषित कार्यालयों के पते एवं अधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई से इसके द्वारा कार्यालय है, जिनके प्राष्ट्रेशिक धनाधिकार जान के आधार पर निम्न रूप में प्रदर्शित है :—

पेटेंट कार्यालय शास्त्र, टॉडी हस्टेट,
तीसरा तल, लोअर परल (प.),
मुम्बई-400013।

गुजरात, महाराष्ट्र, मध्य प्रदेश
तथा गोआ राज्य क्षेत्र एवं मध्य
शासित क्षेत्र, दमन तथा दोबा एवं
दादर और नगर हवेली।

तार पता - "पेटेंटिफिस"
फोन 4925092 फैक्स : 0224950622

पेटेंट कार्यालय शास्त्र,
एकक सं. 401 से 405, तीसरा तल,
मगरपालिका बाजार भवन,
सरस्वती मार्ग, करौल शाह,
मह-विल्सनी-110 005।

हैरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़।

तार पता - "पेटेंटिफिस"
फोन : 578 2532 फैक्स : 011-5766204

पेटेंट कार्यालय शास्त्र,
विंग "सी" (सी-4, ए),
तीसरा तल, राजाजी भवन,
बसन्न नगर, इलाई-600090।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पांडिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्ष्मणगढ़, भिनिकाय
तथा एथिनिदिव द्वीप।

तार पता - "पेटेंटिफिस"
फोन : 490 1495 फैक्स : 044-4901492

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, दिवनीय बहुसंलीय कार्यालय
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदेश थांस मार्ग,
कलकत्ता-700 020।

भारत का अद्वैत क्षेत्र।

तार पता - "पेटेंटिस"
फोन : 247 4401 फैक्स : 033-2473851

पेटेंट अधिकारियम, 1970 या पेटेंट नियम, 1972 में
अपेक्षित सभी आदेश-पत्र, सूचनाएँ विवरण या अन्य प्रलेख पेटेंट
कार्यालय के केवल उपयोग कार्यालय में ही प्राप्त किए जाएंगे।

शुल्क : शुल्कों की अवाश्यकी या से तकद की जाएगी अथवा
प्राप्त उपयोग कार्यालय अवैधत है, उस स्थान
के अनुसूचित क्षेत्र से नियन्त्रक को भूत्तान या वृक्ष छाप्ट अथवा
क्षेत्र द्वारा की जा सकती है।

APPLICATION FOR THE PATENT FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20.

The dates shown in the crescent brackets are the dates claimed under section 135, under Patent Act. 1970.

15-06-1998

1053/Cal/98. Sudhir Kumar Mukim, "Pendulum Train".

1054/Cal/98. Peter Sedmihradsky and Suhrid Kumar Roy, "Production of Aluminium from alumina by thermic reduction routech (SR process)."

1055/Cal/98. Eurotecnica Contractors and Engineers SPA, "Process and apparatus for melamine manufacture". (Convention No. MI97A001524 on 27-6-97 in Italy).

1056/Cal/98. General Electric Company, "Combined pneumatic detection and information transmission method for burst-type digital communication systems". (Convention No. 60/051234 on 20-6-97 & 09/075,826 on 12-5-98 in U.S.A.)

1057/Cal/98. Eli Lilly and Company, "Process for preparing 4-substituted -1H-indole-3-Glaoxamides". (Convention No. 60/050,877 & 60/050,891 on 26-6-97 in U.S.A.).

1058/Cal/98. Siemens Aktiengesellschaft, "Steel arrangement for a passage of a shaft through a casing". (Divided out of No. 305/Cal/94; dated 27-4-94).

1059/Cal/98. T & N Technology Limited, "Manufacture of plain bearings". (Convention No. 9713079.3 on 21-6-97 in United Kingdom).

1060/Cal/98. The Babcock & Wilcox Company, "Erosion protection at line discontinuity for enclosure and internal walls in fluidized bed combustors and reactors". (Convention No. 68-870 371 on 16-6-97 in U.S.A.).

1061/Cal/98. Norden P. Johnson, "Apparatus for combined multiple frequency signals". (Convention No. 68-8717** on 20-6-97 in U.S.A.).

16-06-1998

1062/Cal/98. Atanu Bhattacharyya, "An improved light microscope for larger magnification".

1063/Cal/98. Sri Amitabha Roy, "A device for the process for producing Non-Stop regenerating domestic artificial Bio Electric power plant".

1064/Cal/98. (1) Krishna Kamal Mallik, (2) Steel Authority of India Limited, "A VHF communication-based automatic control system for interlocking the positions of pusher guide and quench cars with respect to oven doors of a coke oven plant".

1065/Cal/98. Navin Prakash Malhotra, "Improved razor blade assembly". (Addition No. 1337/Cal/97 antdated to 16-7-97).

1066/Cal/98. Intel Corporation, "An efficient table-lookup based visually-lossless image compression system". (Convention No. 08/884,923 on 30-06-97 in U.S.A.).

1067/Cal/98. Jonnie R. Williams, "Method of treating tobacco to reduce nitrosamine content, and produced thereby". (Convention No. 08/879,905 on 20-6-97 & 08/998,043 on 23-12-97 in U.S.A.).

1068/Cal/98. General Electric Company, "On-Line rheometer device". (Convention No. 08/920,944 on 29-8-97 in U.S.A.).

1069/Cal/98. General Electric Company, "Improved process for the preparation of phosphites". (Convention No. 08/920,961 on 29-8-97 in U.S.A.).

1070/Cal/98. Merck Patent Gesellschaft Mit Beschränkter Haftung, "3-Benzylpiperidines" (Convention No. 19725664.3 on 18-6-97 in Germany).

1071/Cal/98. Nova Chemicals (International) S.A., "Supported phosphnime-CP catalysts". (Convention No. 2,210,131 on 9-7-97 in Canada).

17-06-1998

1072/Cal/98. Monfortedue S.R.L., "Tape-Shaped device consisting of a plurality of elements hinged to each other and method for hinging to each other said elements". (Convention No. MJ97A001432 on 18-6-97 in Italy).

1073/Cal/98. American Cyanamid Company, "Intermediate compounds for the preparation of pesticidal fluoroolefin compounds". (Convention No. 60/050,166 on 19-6-97 in U.S.A.).

1074/Cal/98. Felter & Guilleaume Austria AG., "A tripping device for an overcurrent interrupting device". (Convention No. A1075/97 on 20-6-97 in Austria).

1075/Cal/98. American Cyanamid Company, "Process and intermediate compounds for the preparation of pesticidal fluoroolefin compounds". (Convention No. 60/050,166 on 19-6-97 in U.S.A.).

1076/Cal/98. Conoco Inc., "Delayed coking cycle time reduction". (Convention No. 08/879,573 on 20-6-97 in U.S.A.).

1077/Cal/98. Conoco Inc., "Reduction of metal stresses in delayed coking drums". (Convention No. 08/925,229 on 8-9-97 in U.S.A.).

1078/Cal/98. General Electric Company, "Flex slotted aloha transmission system and method". (Convention No. 60/051,205 on 30-6-97 & 09/088,897 on 2-6-98 in U.S.A.).

1079/Cal/98. Libbey-Owens-Ford Co., "Anti-Reflective films". (Convention No. 60/051,799 on 7-7-97 in U.S.).

1080/Cal/98. Siemens Aktiengesellschaft, "Waste-Heat Steam Generator". (Convention No. 19727721.7 on 30-6-97 in Germany).

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

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स्वीकृत सम्पूर्ण विनियोग

एतद्वयारा यह सत्ता शो जाती है कि सम्बद्ध आवेदनों में से किसी पर पट्टे जनशन के विरोध करने के इच्छक कर्त्ता व्यक्ति, इसके निर्माण की तिथि से चार (4) महीने या अधिक एंसो अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पट्टे नियम, 1972 के तहत निर्हित प्रपत्र 14 पर आवृद्धि एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकस्थ की उपयुक्त कार्यालय में एसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी विविहित वकाला, उक्त सूचना के साथ अवश्य पट्टे नियम, 1972 के नियम 36 में सथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनियोग के संबंध में नीचे दिए गयीकरण, भारतीय वगींकरण तथा अत्तर-राष्ट्रीय वगींकरण के अनुसृत हैं।"

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनियोगों की अंकित अथवा फोटो प्रतियों की आपूर्ति पट्टे कार्यालय, कलकत्ता अथवा उपयुक्त शास्त्र कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरांत उसकी बदायगी पर की जा सकती है। विनियोग की पछ भव्यता के मात्र प्रत्येक व्यक्ति विनियोग के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गणा करके, (चाँदीक प्रत्येक पाठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Cl. : 31 D

Int. Cl. : B 22 D 39/00

A VALVE ASSEMBLY FOR VENTING DIECASTING MOULDS

Applicant : FONDAREX, P. HODLER & CIE, S.A., OF ZONE INDUSTRIELLE LA ROTTE ROUTE DE LA COMBE, 1816 CHAILLY SUR MONTREUX/SWITZERLAND.

Inventor : JOHANN WYSER.

Application No. 104/Cal/1994 filed on 18th February, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.

17 Claims

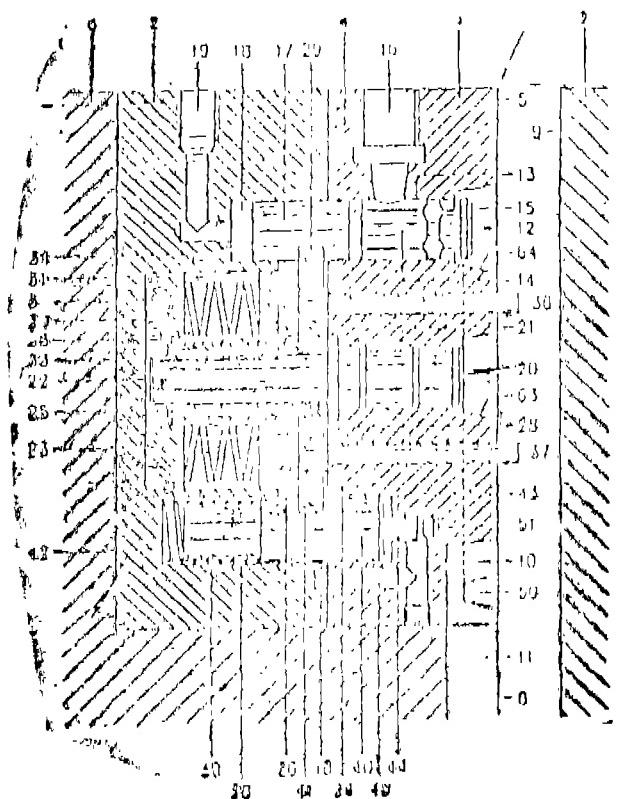
A valve assembly (1) for venting die-casting moulds, comprising a venting channel (10), a venting valve (12) communicating with said venting channel and having an axially displaceable valve closure member (14), and actuating means mechanically coupled to said closure member for moving the closure member from an open position to a closed position for allowing communication or closing communication between said venting channel and the casting chamber of the mould, wherein said actuating means comprise a power pick-up means exposed to the liquid casting material escaping from the casting chamber through said venting channel, said power pick-up means being displaceable by the kinetic energy transmitted by the casting material when the liquid casting material hits the power pick-up means mechanically coupled to said valve closure member.

Characterized in that :

said power pick-up means comprises an axially displaceable push member (20) having a stroke whose length is less than the stroke of said valve closure member during its motion from the open position to the closed position;

said valve closure member is movable freely along a path to its closed position; and

said push member (20) is mechanically coupled to a power transmission member (24) for transmitting impact force of the liquid casting material through the power transmission member (24) to said valve closure member;



Applicant : INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, OF NO. 195 SEC. 4, CHUNG HSING RD CHUTUNG TOWN, HSINCHU HSIEN TAIWAN, REPUBLIC OF CHINA.

Inventors :

1. CHAN-HUA FENG
2. CHING-HUAN TSENG
3. CHWAN-CHERNG WANG
4. CHUNG-BIAU TSAY
5. CHANG-DAU YAN.

Application No 238/Cal/1994 filed on 6th April, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.

2 Claims

Multi-stage sprocket assembly for a bicycle comprising :

at least one large sprocket wheel (2) and at least one smaller sprocket wheel (3), each said sprocket wheel having a plurality of teeth on its outer periphery and the large sprocket wheel having a larger number of teeth than the smaller sprocket wheel, each of said sprocket wheels being engageable with a chain (1) guided by a derailleur and comprising a plurality of rollers connected in series by link plates, adjacent rollers comprising an engaging roller (12) which with the link plates fully engages a tooth of the larger sprocket wheel, a pivot roller (10) on one side of the engaging roller, said pivot roller with the link plates contacting the side surface of the larger sprocket wheel during shifting of the chain, and an escape roller (14) on the other side of the engaging roller (12);

Characterized in that :

at least two consecutive teeth of the smaller sprocket wheel (3) are each provided with a portion of its side surfaces trimmed and engageable by the escape roller (14); at least three consecutive teeth of the large sprocket wheel (2) are each provided with a portion of its side surfaces trimmed and engageable by the pivot roller (10); and the trimmed portions are in accordance with a relative phase angle between the two sprocket wheels, to thereby avoid interference between the link plates and the larger sprocket wheel during shifting from the smaller sprocket wheel (3) to the large sprocket wheel (2).

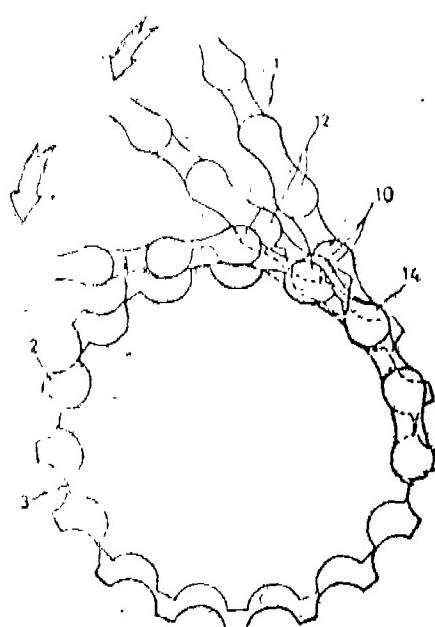


Fig. 1

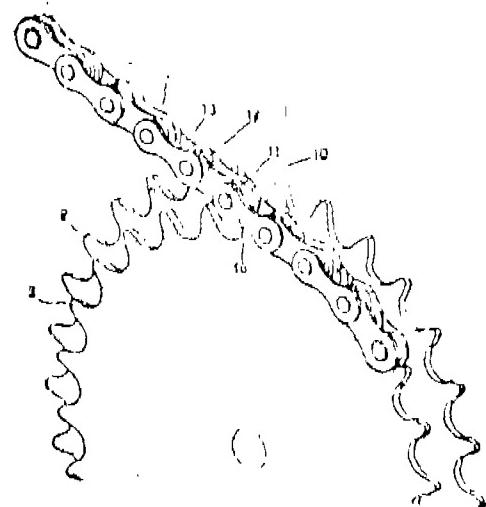


FIG. 2

(Compl. Specn. 17 pages;

Drgns. 5 sheets.)

Cl. : 63 I
127A

181654

Int. Cl. : F 16 D 23/12.

A DOUBLE ACTING SYNCHRONIZER CLUTCH ASSEMBLY.

Applicant : EATON CORPORATION, OF 1111 SUPERIOR AVENUE, CLEVELAND, OHIO 44114, UNITED STATES OF AMERICA.

Inventors :

1. ERNST HEINZ LAUER.
2. JAMES LYNN MARTIN.

Application No 360/Cal/1994 filed on 13th May, 1994.

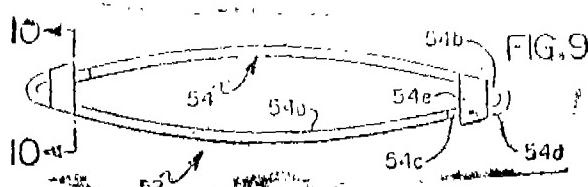
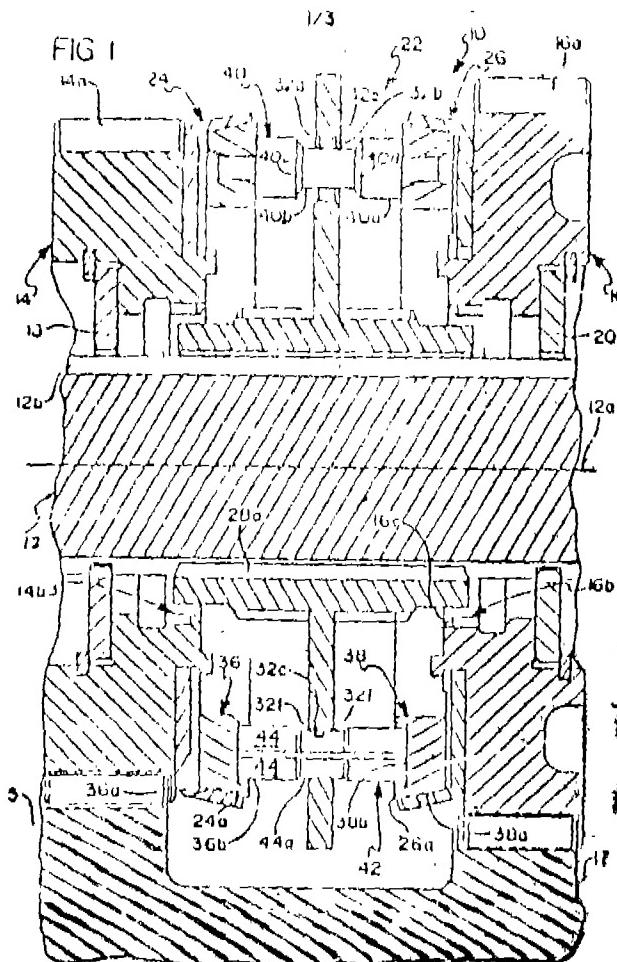
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.

9 Claims

A double acting synchronizer clutch assembly 10 including two axially moveable friction rings 36, 38 rigidly connected together about a rotational axis (12A) in axially spaced relation on opposite sides of an axially movable, radially extending flange; a plurality of circumferentially spaced apart openings extending axially through the flange; a split pin assembly 42 including a pair of members and a spring assembly 44 extending axially through each openings and between the friction rings for effecting axial movement of the friction rings in response to initial axial movement of the flange from a neutral position, each pair of members defining a generally cylindrical outer surface with a radially outwardly open annular detent groove for receiving a peripheral surface of one of the openings, the members of each pairs of members each having first and second ends respectively disposed to about one of the friction rings; each spring assembly including at least first and second opposed leaf springs each having a bowed length in the axial direction of the opening and a width corresponding to a transverse direction, the leaf springs sandwiched between mutually facing surfaces of each pair of members, the leaf springs each having first and second leaf end portions with the first and second end portions of the first and second leaf springs respectively in contact with each other and with the second and first end portions of the first and second leaf springs respectively in contact with each other and with each first and second end portions axially overlapping the associated second end portion, characterized by :

retainer means disposed at the leaf spring first and second end portions of each spring assembly, each retainer means

allowing the leaf spring ends in contact with each other to move axially relative to each other and for including means reacting roll forces tending to roll the springs relative to each other.



(Compl. Specns. : 14 pages;

Drgns. : 3 Sheets)

Cl. : 68 E 3

181655

Int. Cl. 4 : H 05 B 41/24.

CIRCUIT ARRANGEMENT FOR OPERATING A LOW-PRESSURE DISCHARGE LAMP FROM A LOW-VOLTAGE SOURCE.

Applicant : PATENT-TREUHAND-GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH, OF HEL-LABRUNNER STR. 1, 81543 MUENCHEN, GERMANY.

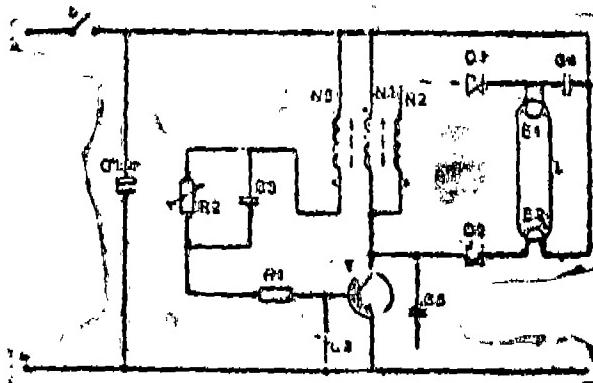
Inventor : WALTER HIRSCHMANN.

Application No. : 403/Cal/1994 filed on 30th May, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

7 Claims

Circuit arrangement for operating a low-pressure discharge lamp from a low-voltage source, the circuit arrangement being designed as a single-ended flyback converter having a transistor (T) and a transformer, the primary winding (N1) of the transformer being connected in series with the switching junction of the transistor (T), and the transformer having a secondary winding (N2) for the starting voltage or the operating voltage of the lamp (L), and a feedback winding (N3) for driving the control electrode of the transistor (T), characterized in that a terminal of the secondary winding (N2) of the transformer is connected to a first lamp electrode (E1), via a first diode (D1), the other terminal of the secondary winding (N2) being connected to the primary winding (N1) and via a second diode (D2) to the second heatable lamp electrode (E2).



(Compl. Specns. : 14 pages;

Drgns. : 2 Sheets)

Cl. : 194 C

181656

Int. Cl. : F 21 K 2/06.

A XENON EXCIMER RADIATION SOURCE FOR PRODUCING ULTRAVIOLET (VUV) RADIATION IN COMBINATION WITH FLUORESCENT SUBSTANCES FOR ILLUMINATION PURPOSES.

Applicant : PATENT-TREUHAND-GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH, OF HEL-LABRUNNER STR. 1, 81543 MUENCHEN, GERMANY.

Inventors :

- (1) DR. MARTIN ZACHAU.
- (2) DIETER SCHMIDT,
- (3) ULRICH MULLER.

Application No. : 466/Cal/1994 filed on 20th June, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

21 Claims

A xenon excimer radiation source for producing ultraviolet (VUV) radiation in combination with fluorescent substances for illumination purposes, said fluorescent substances comprising a host lattice and at least one dopant, characterised in that the dopant includes at least one activator, and in that activator(s) and host lattice are appropriately selected and are coordinated with one another so that the fluorescent substance is efficiently excited by the VUV radiation generated by said xenon excimer radiation source, especially of wavelengths in the range between approximately 145nm and 185nm, and in this case luminesces in the visible range of the optical spectrum.

(Compl. Specn. : 17 pages;

Drgns. : 5 Sheets)

Cl. : 32 F₁—55 D₂—55 E

181657

Int. Cl.: C 07 B 39/00
C 07 C 121/52.

PROCESS FOR PREPARING FLUOROBENZONITRILES.

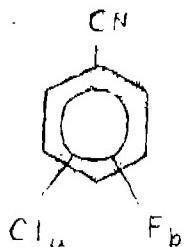
Applicant : HOECHST AKTIENGESELLSCHAFT, OF
F 65926 FRANKFURT AM MAIN FEDERAL REPUBLIC
OF GERMANY.

Inventors :

- (1) THOMAS SCHACH,
- (2) THEODAR PAPENFUHS,
- (3) RALF PFIRMAN.

Application No. : 494/Cal/1994 filed on 27th June,
994.Appropriate Office for Opposition Proceedings (Rule 4,
Patents Rules, 1972), Patent Office, Calcutta.

10 Claims

A process for preparing fluorobenzonitriles by
reaction of a compound of the formula (4)

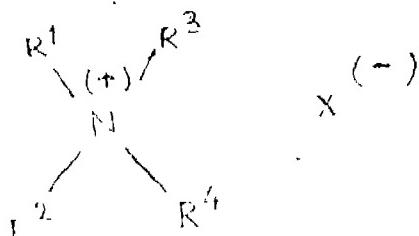
in which

a is an integer from 1 to 5 and

b is a number from 0 to 3,

with an alkali metal fluoride in the presence of a catalyst used in amounts from 1 to 35% by weight based on the compound of formula (4) wherein the said catalyst is selected from component a, mixture of components a and b, mixture of components a and c and mixture of components a, b and c wherein

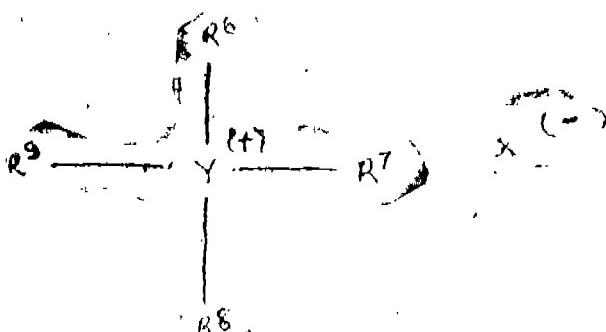
(a) one or more quaternary ammonium compound(s) of the formula (1)



in which

R¹, R² and R³ are identical or different and are a linear or branched alkoxy polyoxyalkyl radical of the formula —(C_mH_{2m}O)_pR⁴ is hydrogen or linear or branched alkyl radical having from 1 to 16carbon atoms, m is an integer from 1 to 10 and p is a number from 1 to 15; or a linear or branched alkyl radical having from 1 to 30 carbon atoms; or an unsubstituted phenyl or naphthyl radical; or a substituted phenyl or naphthyl radical, with the substituents being halogen, C₁—C₄ —alkyl, C₁—C₄ —alkoxy, nitro or cyano;R⁴ is a linear or branched alkoxy polyoxyalkyl radical of the formula —(C_mH_{2m}O)_p as mentioned herein before; a(+) is an inorganic anion;

(b) one or more quaternary ammonium salts(s) or phosphonium salt(s) of the formula (2)

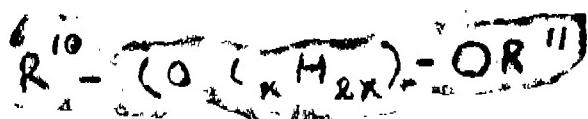


in which

R⁶, R⁷, R⁸ and R⁹ are identical or different and are a linear or branched alkyl radical having from 1 to 22 carbon atoms; or an unsubstituted or substituted aryl radical or a C₁—C₄ alkyl aryl radical, with aryl being phenyl or naphthyl and said substituents being halogen, C₁—C₄ —alkyl, C₁—C₄ —alkoxy, nitro or cyano; and

Y is N or P;

(c) one or more polystyler(s) of the formula (3) or a crown ether



in which

R¹⁰ and R¹¹ are identical or different and are hydrogen or a linear or branched alkyl radical having from 1 to 16 carbon atoms,

n is an integer from 2 to 6 m.

r is a number from 0 to 20;

Cl. : 131 A-1

181653

Int. Cl. : E 21 B 7/00, 15/00, 19/00
E 21 C 9/00.

APPARATUS ON A VESSEL FOR NEAR VERTICAL LAYING OF PIPELINE OFFSHORE.

Applicant : McDERMOTT INTERNATIONAL INC., OF 1450 POYDRAS STREET, P.O. BOX 60035 NEW ORLEANS, LA 70160 UNITED STATES OF AMERICA.

Inventor : JESSE RAY WILKINS.

Application No. : 551 Cal/1994 filed on 13th July, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

5 Claims

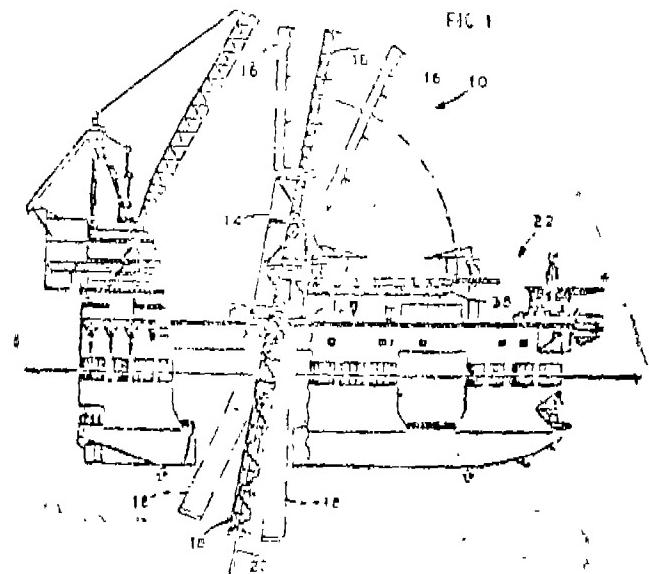
An apparatus (10) on a vessel (22) for near vertical laying of a pipeline offshore, having a support base (12) mounted on the vessel, characterized in that a framework (14) is mounted on said support base to extend upwardly therefrom :

a pipe joint alignment tower (16) is pivotally attached to and supported by said support base and said framework;

a support tower (18) is pivotally attached to said support base and extends downwardly from said support base;

a travel block (26) is movable along the length of the support tower; and

a pedestal (28) is provided at the lower end of said support tower for releasably receiving and supporting the weight of the pipe line.



(Compl. Specn. : 15 pages;

Drawings. : 4 Sheets)

Cl. : 85 K
28 EC

181659

Int. Cl. : F 23 C 11/02.

A CIRCULATING FLUIDIZED BED COMBUSTION APPARATUS.

Applicant : COMBUSTION ENGINEERING INC., OF 1000 PROSPECT HILL ROAD, WINDSOR, CONNECTICUT 06095, UNITED STATES OF AMERICA.

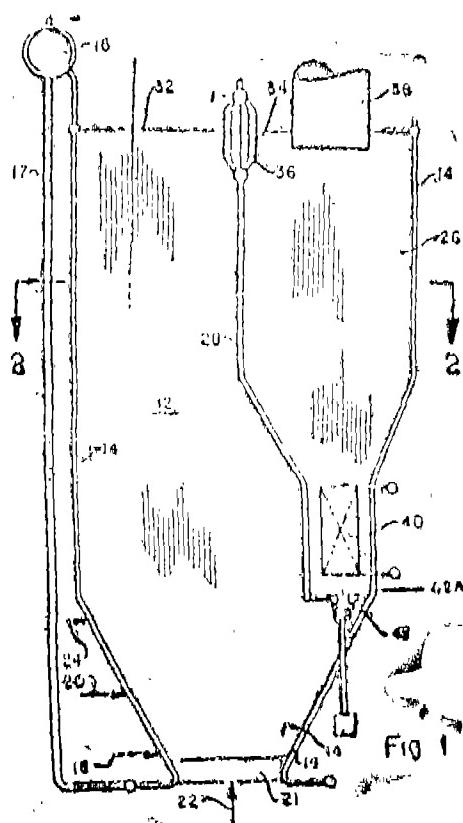
Inventor : RICHARD STEVEN SKOWYRA.

Application No. 717/Cal/1994 filed on 8th September, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

5 Claims

A circulating fluidized bed combustion apparatus comprising a combustor (12) having four water cooled walls (14), means (18, 20) for introducing fuel and sorbent into the lower portion of said combustor, means (21) for introducing fluidizing combustion air into the bottom (22) of said combustor and flue gas outlet means (38) in the top of said combustor, wherein the improvement comprises at least one particle collecting cell (26) located inside of said combustor along one of said four combustor walls below said flue gas outlet means (38), said particle collecting cell having water-cooled water walls (14, 28) defining said cell, a particle outlet opening (42A) in the bottom of said cell of returning separated particles to said lower portion of said combustor, heat exchange means (40) located in said cell for extracting heat from said collected particles and means (42) for controlling the rate of flow of particles through said outlet opening.



(Compl. Specn. 7 Pages;

Drawings. 3 Sheets)

Cl. : 201 D

181660

Int. Cl. : C 02 F 1,50,
1/66, 1/76.

A BOTTLED WATER DISINFECTING AND DISPENSING SYSTEM.

Applicant : CARL MARIO SUTERA, OF 45 WASHINGTON STREET UNIT K-42 MELHUEN MA 01841 UNITED STATES OF AMERICA.

Inventor : CARL MARIO SUTERA.

Application No. 767/Cal/1994 filed on 22nd September, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.

7 Claims

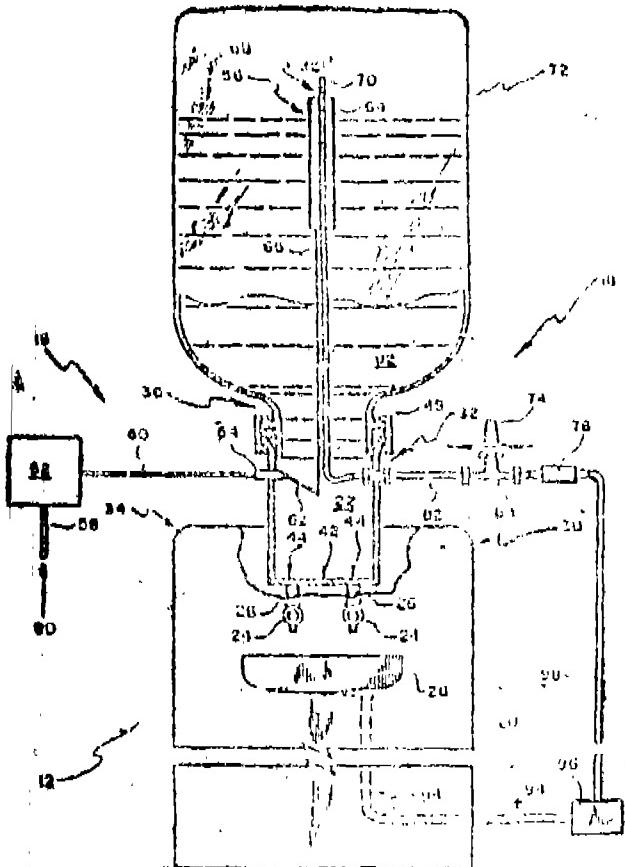
A bottled water disinfecting and dispensing system (12) for use with a bottled water cooler (10), having a water tank (22) with an open upper section (32), said system comprising:

a water bottle (14) having an upper end and a lower end; said lower end having an open neck (36) mountable to said upper section of the water tank (22);

an elastomeric seal (30) enclosing portions of inner and outer walls of the neck (36) via inner and outer seal areas said outer seal area being in communication with the inner wall of a portion of the upper section of the water tank (22);

a neck filter (420) provided within said neck of the water bottle and comprising a housing fluid-impermeably fixed to the inner walls of the neck;

a water inlet system (16) connected to said water bottle (14) and comprising a filtration/bactericide unit (407) having a sediment filter (408) for filtering sediments in the water; said neck filter having a filter media for removing the bactericide from the water as it passes from the bottle to said water tank.



(Compl. Specn. 37 pages;

Drawns. 11 sheets.)

AMENDMENT PROCEEDING UNDER SECTION 57

Notice is hereby given that M/s. Raptakos Brett, Co., Dr. Annie Besant Road, Worli, Mumbai-400023 has made application under section 57 of the Patents Act, 1970 for amendment of address of the inventor in respect of Patent Application No. 179810 (323/Bom/96) for "A process of preparing anti aids ayurvedic medicine/composition". The application for amendments and proposed amendment can be inspected free of charge at the Patent Office Branch, Todi Estate, 3rd Floor Sun Mill Compound, Lower Parel (West), Mumbai-400013 on any working day during the usual office hours or

copies of the same can be had on payment of usual copying charges. Any person interested in opposing the application for amendment may file the notice of opposition on the prescribed form-30 alongwith full written statement within three months from the date of this notification to the Patent Office Branch, Mumbai.

If full written statement of opposition is not filed with the notice of opposition it should be sent within one month from the date of filing the said notice of opposition.

CESSATION OF PATENTS

177817

PATENT SEALED ON 17-07-98

177922*F 177925*F 177973 179241 179433 179471 179477*
179478 179479 179484* 179485 179486* 179487 179488*
179489* 179490 179493*D 179494*D 179495*D 179496*D
179500*D 179501 179503* 179505 179507 179508 179510*F
179511 179512 179513 179515*F 179516* 179519 179520*
179521* 179522 179523* 179525 179526 179527 179528
179529*D 179530*D

CAL-01, DEL-09, MUM-22, CHEN-11,

*Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—Drug Patents.

F—Food Patents.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 1. No. 174190, British Scaffolding India Ltd., Manisha, 4th floor, 75-76 Nehru Place, New Delhi-110 019, India, an Indian Company, "HORIZONTAL CUPLOK", 30th January 1997.

Class 1. No. 174191, British Scaffolding India Ltd., Manisha, 4th floor, 75-76 Nehru Place, New Delhi-110 019, India, an Indian Company, "VERTICAL CUPLOK", 30th January 1997.

Class 1. No. 174172, Dr. Ramesh Kumar Mehta, Manager, Foundation for Innovation and Technology Transfer (FITT), Indian Institute of Technology (IIT), Hauz Khas, New Delhi-110 016, India, an Indian national, "IMPLANT TRANSPORTATION DEVICE", 27th June 1997.

Class 1. No. 174173, Dr. Ramesh Kumar Mehta, Manager, Foundation for Innovation and Technology Transfer (FITT), Indian Institute of Technology (IIT), Hauz Khas, New Delhi-110 016, India, an Indian national, "IMPLANT TRANSPORTATION DEVICE", 27th June 1997.

Class 1. No. 174174, Dr. Ramesh Kumar Mehta, Manager, Foundation for Innovation and Technology Transfer (FITT), Indian Institute of Technology (IIT), Hauz Khas, New Delhi-110 016, India, an Indian national, "IMPLANT TRANSPORTATION DEVICE", 27th June 1997.

Class 1. No. 174175, Dr. Ramesh Kumar Mehta, Manager, Foundation for Innovation and Technology Transfer (FITT), Indian Institute of Technology (IIT), Hauz Khas, New Delhi-110 016, India, an Indian national, "IMPLANT TRANSPORTATION DEVICE", 27th June 1997.

Class 1. No. 174153, Eagle Flask Industries Limited, a company incorporated under the Indian Companies Act, 1956 having office at Eagle Estate, Talegaon-410507, Dist. Pune, Maharashtra, India, "CONTAINER", 25th June 1997.

Class 1. 174156, Eagle Flask Industries Limited, a company incorporated under the Indian Companies Act, 1956 having office at Eagle Estate, Talegaon-410507, Dist. Pune, Maharashtra, India, "FOOD WARMING TRAY WITH CONTAINER", 25th June 1997.

Class 1. No. 174157, Eagle Flask Industries Limited, a company incorporated under the Indian Companies Act, 1956 having office at Eagle Estate, Talegaon-410507, Dist. Pune, Maharashtra, India, "FOOD WARMING TRAY", 25th June 1997.

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Number :--

165061, 165062, 165026, 170185, 157832, 170842, 167572, 165336, 169378, 165256, 170248, 170082, 168081, 172799, 171981, 166532, 172169, 172163, 172164, 168165, 168171, 168172, 169173, 169850, 168422, 168843, 168801, 168802,

169079, 172475, 173984, 173985, 173986, 173987, 173988, 173989, 173990, 173991, 170633, 170447, 170249, 169882, 172662, 170622, 169136, 164525, 158972, 158973, 172661, 169845, 172514, 164430, 169575, 171978, 172885, 172436, 166531, 166014, 171820, 172162, 172201, 168259, 166874, 170278, 176907, 170850, 170058, 171835, 165208, 166444, 166019, 166016, 166017, 165221, 173193, 165911, 165090, 165910, 166445, 166457, 166012, 173978, 173982, 166643, 166638, 166639, 166640, 166641, 166642, 170818, 170815, 172358, 172359, 172360, 173979, 167909, 168584, 165602, 165365, 165114, 164744, 174300.

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164652, 170607, 156028, 156029, 156027, 157273, 157304, 164201, 155111, 157409, 173329, 173330, 173331, 173332, 173326, 173333, 173359, 173327, 169550, 166312, 173227, 172696, 172699, 173500, 173499, 173498, 173496, 173497, 168258, 164064.

H. D. THAKUR

Controller Genl. of Patent, Design & Trade Marks